

Linzer biol. Beitr.	37/1	319-320	25.7.2005
---------------------	------	---------	-----------

***Polistes associus* KOHL 1898 – new species of paper wasp for Slovakia (Hymenoptera, Vespidae)**

L. DVOŘÁK

A b s t r a c t : The first record of paper wasp *Polistes associus* KOHL 1898 from Slovakia is reported. The distribution of this species in the central Europe is discussed.

K e y w o r d s : paper wasp, *Polistes associus*, new find, distribution.

Slovakia or., Východoslovenská pahorkatina upland, Remetské Hámre env., 275 m a.s.l., code of Slovak mapping grid system: 7199, 5.-7.7.1952, 1 ♀, museum of East Bohemia in Hradec Králové lgt. et coll., L. Dvořák det., J. Gusenleitner rev.

The studied specimen has brown-reddish last sternite and yellow clypeus with several small black points lined into short stripe in the centre of clypeus. The coloration of clypeus without transverse stripe running through the whole clypeus is typical also for Austrian specimens (GUSENLEITNER 1995).

Discussion and Conclusions

Polistes associus KOHL 1898 is known from France, Italy, Balkan peninsula, Austria, Hungary, Turkey, Israel, Azerbaijan, India, and China (GIUGLIA 1972, CARPENTER 1996, GUSENLEITNER 1995, MÓCZÁR 1995).

The central European finds lay in the Danube lowland, which is placed from Beograd to southernmost Slovakia. Austrian finds – Burgenland, easternmost Austria (GUSENLEITNER 1995) – lay on NW margin of this lowland, Hungarian finds – localities through the whole country (MÓCZÁR 1995) – in its centre, and Slovak find on NE margin.

The find from Remetské Hámre at 48°50' N forms the northern distribution border of *P. associus* in Europe.

Zusammenfassung

Polistes associus KOHL 1898 wurde erstmalig aus der Slowakei nachgewiesen. Die Verbreitung dieser Art in Zentraleuropa wurde diskutiert.

References

- CARPENTER J.M. (1996): Distributional checklist of species of the genus *Polistes* (Hymenoptera: Vespidae; Polistinae; Polistini). — American Museum Novitates **3188**: 1-39.
- GUIGLIA D. (1972): Les guêpes sociales (Hymenoptera Vespidae) d'Europe occidentale et septentrionale. — Faune de l'Europe et du Bassin Méditerranéen 6. Masson et Cie, Paris: 1-177.
- GUSENLEITNER J. (1995): Hymenopterologische Notizen aus Österreich – 3 (Insecta: Hymenoptera Aculeata). — Linzer biologische Beiträge **27**(1): 159-167.
- MÓCZÁR L. (1995): Redősszármáyúdarázs-szerűek – Vespoidea. — In: Magyarország Állatvilága (Fauna Hungariae), **XIII/B/6**: 1-181.

Address of the author: Libor DVOŘÁK
 Šumava NP and PLA Administration
 Sušická 399
 CZ-34192 Kašperské Hory; Czech Republic
 E-Mail: libor.dvorak@npsumava.cz